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October 10, 2000

Attorney Docket No.: DIVER1280-3

Box PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231

Presented for filing is a new continuation-in-part patent application of:

APPLICANTS: JAY M. SHORT and MARTIN KELLER

TITLE: HIGH THROUGHPUT SCREENING FOR SEQUENCES OF
INTEREST

Under 35 USC § 120, this application claims the benefit of prior U.S. applications Serial No. 09/444,112, filed November 22, 1999, which is a continuation-in-part of U.S. Patent Application Serial No. 09/098,206, filed June 16, 1998, which is a continuation-in-part of U.S. Patent Application Serial No. 08/876,276, filed June 16, 1997, the contents of all of which are incorporated by reference in their entirety herein.

Enclosed are the following papers, including all those required for a filing date under 37 CFR § 1.53(b):

Pages of Specification	112
Pages of Claims	9
Pages of Abstract	1
Pages of Declaration	3 (unsigned)
Sheets of Drawings	5

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Date of Deposit October 10, 2000

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231

Mikhail Koyley

Mikhail Koyley

Gray Cary Ware & Freidenrich LLP

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In Re Application of: Short et al.

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Page Two

Enclosures:

Check; and

Return postcard.

The filing fee is calculated as follows. Small entity status is claimed.

Basic filing fee	\$	355.00
Total claims in excess of 20 times \$9.00	\$	369.00
Independent claims in excess of 3 times \$40.00	\$	120.00
Multiple dependent claims	\$	0.00
Total filing fee:	\$	844.00


Enclosed please find a check in the amount of \$844.00 for the filing fee. Please charge any other required fees or credit any overpayments, to Deposit Account 50-1355, referencing the Attorney Docket number shown above. A copy of this transmittal letter is attached.

If this application is found to be INCOMPLETE, or if it appears that a telephone conference would helpfully advance prosecution, please telephone the undersigned at (858) 677-1456.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Respectfully submitted,

Date: 10/9/00



Lisa A. Haile, Ph.D
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